

US 90ATS/109111-01

ATS-032 CON/REISSUE

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of	)	
SATOSHI KONO ET AL.	)	
U.S. PATENT NO. 5,465,635	)	Group Art Unit: 3502
Serial No. 08/243,526	)	
Filed: May 16, 1994	)	Examiner: V. Luong
Issued: November 14, 1995	)	
For: CRANKSHAFT ASSEMBLY FOR	)	
INTERNAL COMBUSTION ENGINE	)	

ASSENT OF ASSIGNEE TO REISSUE

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned Assignee of the entire interest in the above-mentioned letters patent, Unisia Jecs Corporation (by change of name from the assignee of record, Atsugi Unisia Corporation) hereby assents to the accompanying reissue application.

Unisia Jecs Corporation

By: yoji Ito

Yoji Ito, General Manager  
Patent & Licensing Department  
(Authorized Signing Officer)

Date: March 26, 1996



US 90 ATS / 109 (11) - 01

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of )

SATOSHI KONO ET AL. )

U.S. PATENT NO. 5,465,635 )

Serial No. 08/243,526 )

Filed: May 16, 1994 )

Issued: November 14, 1995 )

For: CRANKSHAFT ASSEMBLY FOR )  
INTERNAL COMBUSTION ENGINE )

Group Art Unit: 3502

Examiner: V. Luong

OFFER TO SURRENDER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned Applicants of the accompanying Reissue Application of letters patent for CRANKSHAFT ASSEMBLY FOR INTERNAL COMBUSTION ENGINE, U.S. Patent No. 5,465,635, granted to them on November 14, 1995, of which Unisia Jecs Corporation is now sole owner (by name change from the Assignee of record, Atsugi Unisia Corporation, whose assignment was recorded on May 25, 1990 at Reel 5331, Frame 0201) and on whose behalf and with whose assent the accompanying application is made, hereby offer to surrender said letters patent.

U.S. Patent No. 5,465,635  
Art Unit: 3502

Reissue Application

Date: March 26, 1996

By: Satoshi Kono  
Satoshi Kono

Date: March 26, 1996

By: Shizuaki Hidaka  
Shizuaki Hidaka

Date: March 26, 1996

By: Tetsu Takahashi  
Tetsu Takahashi



25-570

S/D

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of )  
SATOSHI KONO ET AL. )  
U.S. PATENT NO. 5,465,635 ) Group Art Unit: 3502  
Serial No. 08/243,526 ) Examiner: V. Luong  
Filed: May 16, 1994 )  
Issued: November 14, 1995 )  
For: CRANKSHAFT ASSEMBLY FOR )  
INTERNAL COMBUSTION ENGINE )

REQUEST FOR ABSTRACT OF TITLE

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please prepare a certified Abstract of Title in respect of United States Patent No. 5,465,635, issued November 14, 1995, to Atsugi Unisia Corporation, as Assignee of Satoshi Kono et al, for placing in the official file of the above-identified Reissue Application which is filed herewith. Title in the name of Assignee was recorded in the parent application, Serial No. 07/485,659 (now abandoned) on May 25, 1990 at Reel 5331, Frame 0201.

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U.S. Patent No. 5,465,635  
Art Unit: 3502

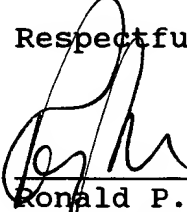
Reissue Application

Enclosed is a check in the amount of \$25.00 to cover  
the fee required by 37 C.F.R. § 1.19(b)(4).

A duplicate of this request is attached.

Respectfully submitted,

By:

  
\_\_\_\_\_  
Ronald P. Kananen  
Registration No. 24,104

Dated: April 9, 1996

Marks & Murase L.L.P.  
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Attorney's Docket No. ATS-032 CON/REISSUE**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Date: April 9, 1996Assistant Commissioner for Patents  
Washington, D.C. 20231**REISSUE APPLICATION TRANSMITTAL**Transmitted herewith is the application for reissue of U.S. Patent  
No. 5,465,635 issued on November 14, 1995Inventor(s): SATOSHI KONO ET AL.Title: CRANKSHAFT ASSEMBLY FOR INTERNAL COMBUSTION ENGINE

Enclosed are the following:

**1. Specification, claim(s) and drawing(s)**

- (a) ☒ 10 page(s) of specification  
☒ 16 page(s) of claims  
☒ 1 page(s) of abstract

NOTE: This must include the entire specification and claims of the patent, with the matter to be omitted by reissue enclosed in square brackets. Any additions made by the reissue must be underlined, so that the old and new specifications and claims may be readily compared. Claims should not be renumbered. The numbering of claims added by reissue should follow the number of the highest numbered patent claim.

- (b) ☒ 4 sheet(s) of drawing  
☒ formal  
☐ informal

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this Reissue Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date \_\_\_\_\_, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number \_\_\_\_\_ addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

\_\_\_\_\_  
(type or print name of person mailing paper)

\_\_\_\_\_  
Signature of person mailing paper

NOTE: Each paper or fee referred to as enclosed herein should have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 CFR 1.10(b).

**WARNING:** Certificate of mailing (first class) or facsimile transmission procedures of 37 CFR 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

(Reissue Application Transmittal [17-1]—page 1 of 4)

- ☒ No changes in the drawings, upon which the original patent was issued, are to be made. Therefore, in accordance with 37 CFR 1.174, please find attached, in the size required for original drawings:

- ☒ a copy of the printed drawings of the patent.  
☐ a photoprint of the original drawings.

**2. Declaration and power of attorney**

- ☒ 30 pages of declaration and power of attorney

**3. Preliminary amendment**

(check, if applicable)

- ☐ Attached

**4. Offer to surrender the original letters patent in accordance with 37 CFR 1.178 is attached.**

- ☒ Offer to surrender is by the inventor  
☒ along with assent of assignee.  
☐ Offer to surrender is by the assignee of the entire interest (and the reissue application does not seek to enlarge the claims of the original patent).

**5. Letters patent**

- ☒ Original letters patent are attached.  
☐ Declaration that original letters patent lost or inaccessible

NOTE: "The application may be accepted for examination in the absence of the original patent or the declaration but one or the other must be supplied before the case is allowed." 37 CFR 1.178.

NOTE: "If a reissue be refused, the original patent will be returned to applicant upon his request." 37 CFR 1.178.

**6. Title**

In accordance with 37 CFR 1.171, this application for reissue is accompanied by

- ☐ a certified copy of an abstract of title.  
or  
☒ an order for an abstract of title.

**7. Information Disclosure Statement**

(check, if applicable)

- ☐ Attached

**8. Priority—35 U.S.C. 119**

1-48816

- ☒ Priority of application Serial No. 0 / 1-48817, filed on 2/28/89,  
in Japan is claimed under 35 U.S.C. 119.  
Country

- ☒ The certified copy has been filed in prior application Serial No. 07/ 485,659  
filed on 2/27/90

**9. Fee Calculation (37 CFR 1.16 (h), (i) and (j))**

CLAIMS AS FILED			
Number Filed	Number Extra	Rate	Basic Fee (37 CFR 1.16(h)) \$750.00
Total Claims (37 CFR 1.16(j))	42 – 20 (and also in excess of total claims in patent)	22 X \$22.00	\$484.00
Independent Claims 37 CFR 1.16(i)	8 – (number of inde- pendent claims in patent)	5 X \$78.00	\$390.00
Filing fee Calculation			\$ 1,624.00

NOTE: Multiple dependent claims are treated as ordinary claims for fee purposes. 37 CFR 1.16(j).

**10. Small Entity Status (if applicable)**

NOTE: A new verified statement is required for the reissue, even if one has been filed in the original patent.

- ☐ A verified statement that this filing is by a small entity is  
☐ attached.

Filing Fee Calculation (50% of above) \$ \_\_\_\_\_

NOTE: If a verified statement is filed within 2 months of the date of timely payment of a fee, then the excess fee paid will be refunded on request. 37 CFR 1.28(a). Effective April 1, 1984.

**11. Method Of Payment of Fees**

- ☒ Enclosed is a check in the amount of \$ 1,624.00.  
☐ Charge Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate of this request is attached.

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 CFR 1.22(b).



## 12. Authorization To Charge Additional Fees

**WARNING:** If no fees are to be paid on filing, the following items should not be completed.

**WARNING:** Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.

- ☒ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 23-0978 :

☒ 37 CFR 1.16(a), (f) or (g) (filing fees)

☒ 37 CFR 1.16(b), (c) and (d) (presentation of extra claims)

**NOTE:** Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 CFR 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

- ☐ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

- ☒ 37 CFR 1.17 (application processing fees)

**WARNING:** While 37 CFR 1.17(a), (b), (c) and (d) deal with extensions of time under § 1.136(a), this authorization should be made only with the knowledge that "[s]ubmission of the appropriate extension fee under 37 C.F.R. 1.136(a) is to no avail unless a request or petition for extension is filed." (Emphasis added). Notice of November 5, 1985 (1060 O.G. 27).

- ☐ CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b))

**NOTE:** Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 CFR 1.311(b).

**NOTE:** 37 CFR 1.28(b) requires "Notification of any change in loss if entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . . issue fee." From the wording of 37 CFR 1.28(b): (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

Reg. No.: 24,104

Tel. No.: ( 202 ) 955-4900

  
SIGNATURE OF ATTORNEY

Ronald P. Kananen

(type or print name of attorney)

Marks & Murase L.L.P.

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2001 L Street, N.W.

Washington, D.C. 20036